



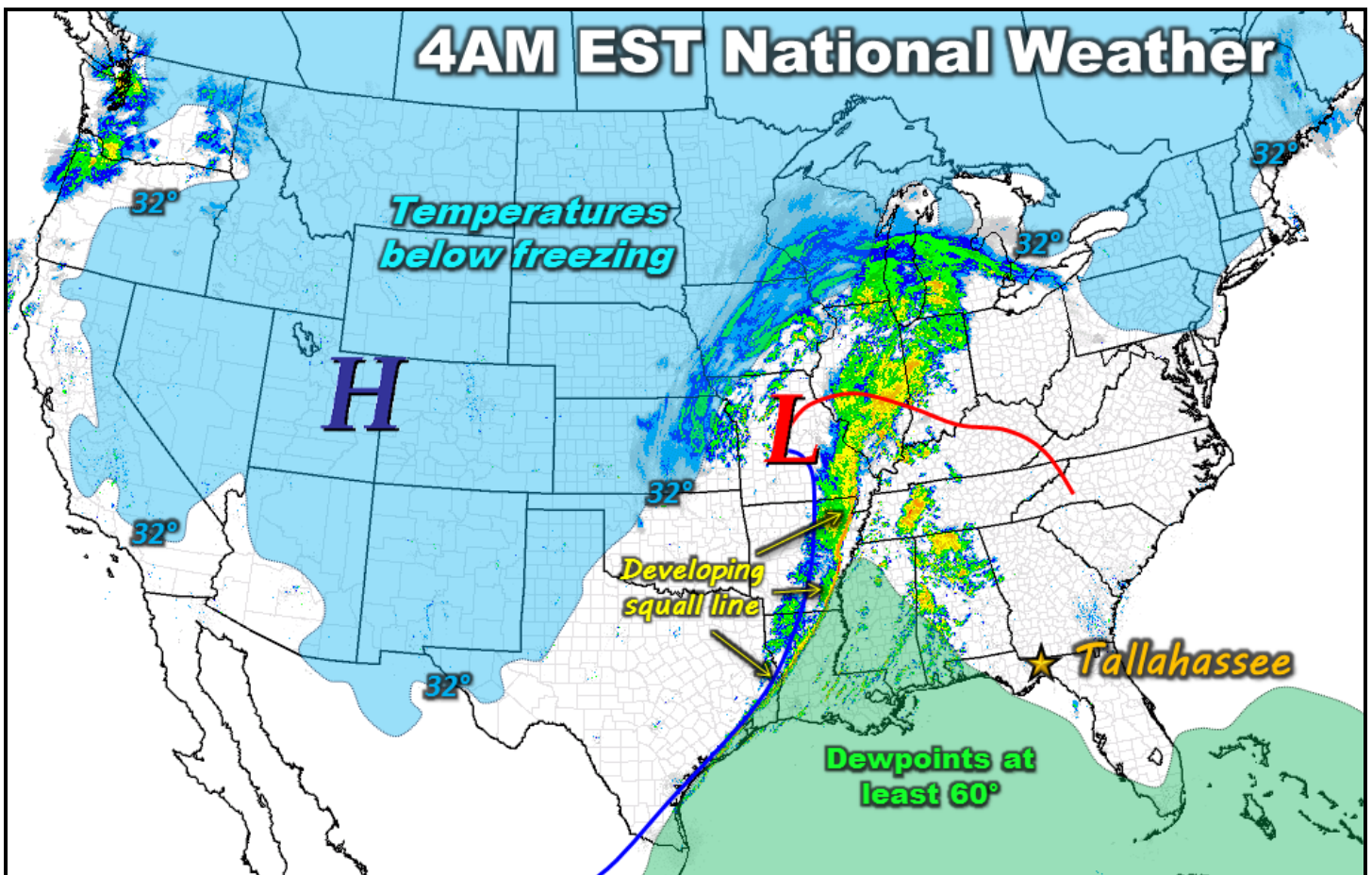
# National Weather Service Tallahassee, Florida



## In this packet:

- Severe thunderstorms possible today.
- Damaging winds are the main threat, with an isolated tornado or two also possible.
- After the cold front: wind chills near or below freezing tonight.

## Overview



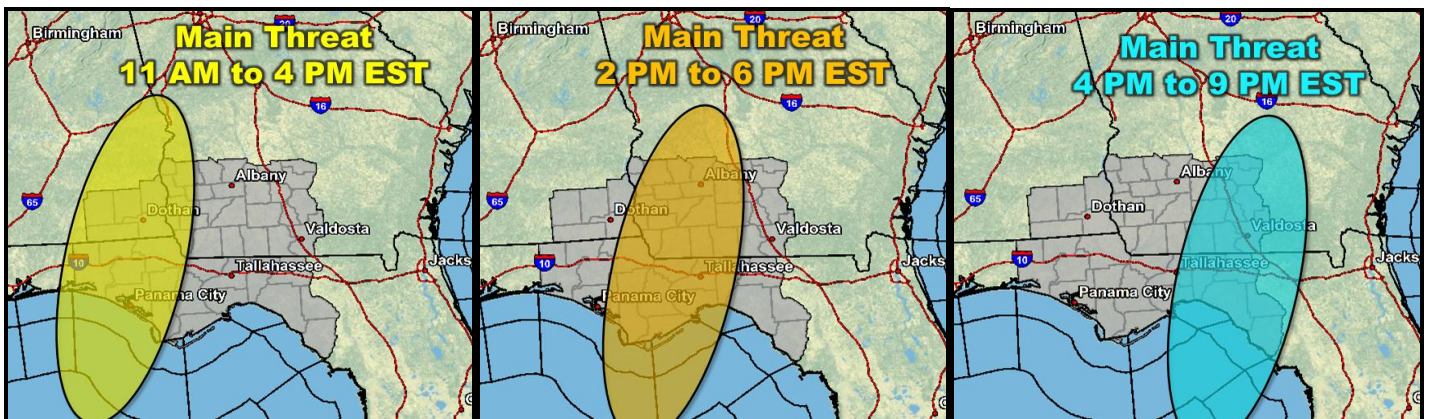
A strong low pressure system was taking shape early this morning over the central United States. The surface low, at 4am EST, was located over central Missouri and was moving to the northeast. As the low strengthens and develops northeast today, the accompanying cold front that currently trails to the south will surge forward along the Gulf coast.

Along and ahead of the cold front, a squall line was already developing in the early morning hours from Arkansas, to Louisiana, and into coastal Texas. Some scattered showers and thunderstorms were also developing ahead of the front over Mississippi and Alabama where a warm, moist air mass was beginning to push north.

As the cold front moves east today, and surface winds along the eastern Gulf coast veer from the southeast to the south, the deeper moisture currently situated over the Gulf of Mexico should push north and provide a favorable environment for continued thunderstorm development across Alabama, Georgia, and north Florida. Some of the storms could be strong or severe, with gusty winds being the primary threat.

## Timing

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The threat for severe weather will begin to increase first in the late morning hours over southeast Alabama and the western Florida Panhandle (west of the Apalachicola River). By early-to-mid afternoon, storms should begin affecting central portions of our forecast area – areas like Albany, Georgia and Tallahassee, Florida. Closer to, and just after sunset, the storms should push into eastern portions of our area and then exit to the east prior to midnight.

The cold front should push through very shortly after the thunderstorms, with breezy northwest winds and cooler air. It should be noted that the times above are approximate, and represent the time of the day when you should be most aware of the weather.

## Impacts

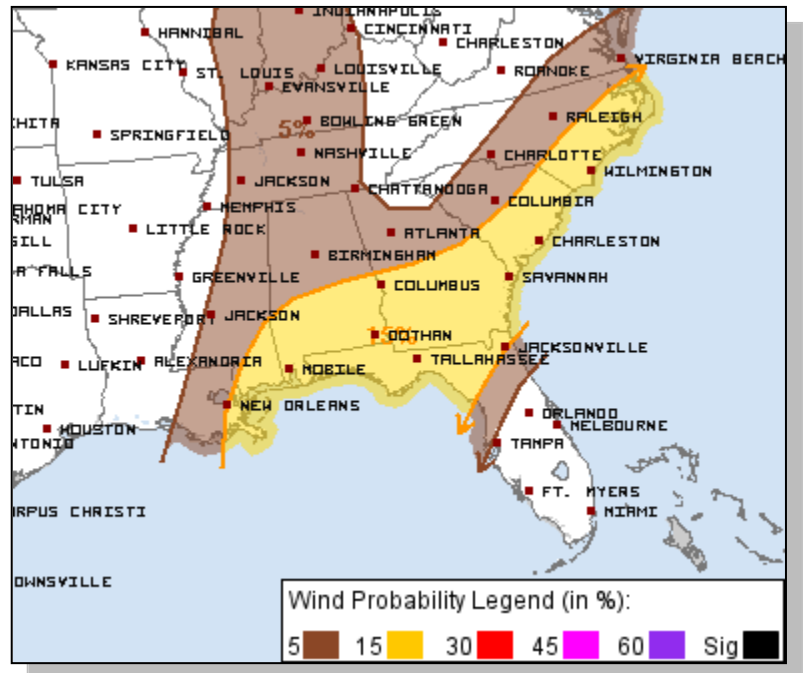
### Severe Weather:

To the right is a graphic with the latest SPC Severe Weather Outlook probabilities for severe wind gusts.

- **Damaging winds will be the primary threat with any severe storm.**

- Sporadic damage to trees and power lines will be possible.
- An increase in the environmental wind speeds beyond what is currently forecast could lead to a more widespread threat of severe wind gusts, as would an increase in instability. While this is not the most likely scenario, it is still possible.

- **An isolated tornado or two cannot be ruled out**, but this is a secondary threat.



### Heavy Rain and Flooding:

Any lines of showers or storms along the front are expected to be fast-moving and last for a short duration of time at any one location. Therefore, rainfall amounts should average around one half inch across the area with minimal to no threat of flooding.

### Surf and Rip Currents:

Strong onshore flow with southerly winds prior to the front, and elevated seas, may lead to surf heights along the Panhandle beaches of 4 to 6 feet. There is a High Risk of rip currents from Cape San Blas westward to Destin.

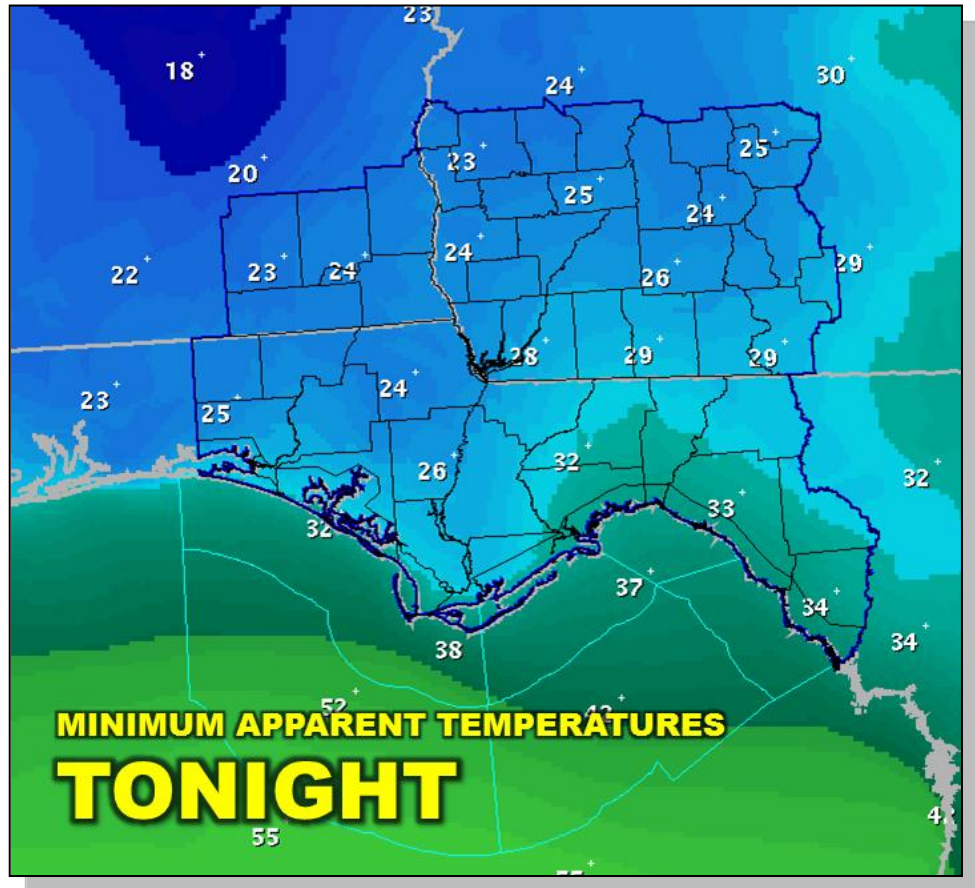


## Post-Frontal Temperatures:

The combination of breezy winds overnight, and colder temperatures, should produce wind chills in the low 30s in the Florida Big Bend, to the low 20s in Southeast Alabama.

Actual low temperatures should be in the 30s across most of the area.

For Friday Night, the winds will likely decrease, but radiational cooling with clear skies and lighter winds should lead to low temperatures in the upper 20s, which would be the first widespread freeze event for our forecast area in nearly one month.



## Summary

- Thunderstorms will occur along and ahead of an advancing cold front. Some of the storms may be severe.
- Damaging winds are the main threat, with sporadic tree and power line damage the most likely impact.
- An isolated tornado or two also possible today.

If you have any questions, please give our office a call at **850-942-8833** or on our **toll free line at 800-598-4562** and ask to speak to a meteorologist. We are available 24 hours a day, 7 days a week. You can also reach us on our **Southern Linc phone at 1\*77\*284**.